

Title (en)
JAW CLUTCH

Title (de)
KLAUENKUPPLUNG

Title (fr)
ACCOUPLEMENT À GRIFFES

Publication
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Application
EP 15797321 A 20151119

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Abstract (en)
[origin: WO2016096311A1] The invention relates to a jaw clutch (10) having an axially static clutch part (12) and having an axially movable clutch part (14), wherein the axially static clutch part (12) and the axially movable clutch part (14) are of sleeve-shaped form and are arranged coaxially with respect to one another, wherein the axially movable clutch part (14) can, in order to produce a positively locking connection to the axially static clutch part (12), be displaced axially by way of a piston (22) that can be actuated by pressure medium, wherein the piston (22) is arranged in longitudinally displaceable fashion in a cylinder housing (20) which, radially on the outside, bears the axially movable clutch part (14), wherein the piston (22) is connected by way of a piston pin (26) to the axially movable clutch part (14), and wherein pressure medium (40) can be supplied to the cylinder chamber (60) of the cylinder housing (20) via a supply duct (38), the piston (22) being fixedly connected, at one axial end, to a coaxially oriented sensor pin (48), and the sensor pin (48), in the region of its free axial end (78) remote from the piston, being formed, at a sensor section (52), as an encoder element for a position sensor (70).

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